

**MP3**  
DIGITAL AUDIO



**COMPACT**  
**disc**  
DIGITAL AUDIO

# User Manual

**MULTI - CODEC CD PLAYER**  
**Model iMP-50**

**iRiver**  
**Model iMP-50**



**Firmware Upgradable**

Thank you for purchasing an iRiver Product.  
Please read this manual carefully before use.

**iRiver** Limited  
<http://www.iRiver.com>

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**iRiver**

## INTRODUCING THE IRIVER WEBSITES

- URL : <http://www.iRiver.com>
- Provides information on our products, company and customer support.
- Unique "Firmware (System software) Upgrade" feature provides premium disc readability and various optional add-on features. The firmware is continually upgraded to support new CODECs that will be introduced in the future.
- Provides product registration that enables user to get online customer service. You can receive the newest information, firmware upgrade notice, etc. via newsletters by registering your e-mail address.

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- ▶ WinAmp and WinAmp logo are registered trademark of NullSoft Inc.

## UNIQUE FEATURES OF IMP-50

- **Multi-Codec CD Player**  
: Supporting MP3, WMA, and ASF format as well as standard Audio CD.
- **Firmware Upgrade**  
: Provides the latest updated features via firmware upgrade. New formats such as AAC, MP3 Pro and so on can be supported in the future with a simple upgrade method. Player features such as add on, modification, and continuous improvement of disc recognition are always provided.
- **Recognize Discs in Packet Write or Multi session Format completely**  
**What is Packet Write?**  
It is the function that can save or delete favorite musics of CD-RW disc as a hard disk drive.  
**What is Multi Session?**  
Generally it is not easy to save musics over 150 titles in a CD-RW disc. It can easily play the music saved at several times using Multi Session function.
- **Graphic LCD supporting Multiple Languages**  
: iMP-50 comes with graphic LCD which can support multiple languages, including: English, French, Spanish, German, Italian, other alphabet-oriented fonts, Korean, Japanese (Katakana, Hiragana, Kanji) and others. A total of 36 languages are supported.
- **Strong Anti-Shock protection**  
: 40 Sec for standard Audio CD/120Sec for MP3 (44.1KHz, 128kbps standard)/240 Sec for WMA(44.1KHz, 64kbps)
- **Enhanced Anti-shock mode**  
: By applying iRiver's own special algorithm, the iMP-50 provides better performance against shock. iRiver maximized the anti-shock function at the beginning of songs by adopting pre-buffering.
- **Longer playing hours**  
: With MP3(128kbps) files, the iMP-50 can play for 16 hours.
- **WinAmp Playlist playback support**  
: iMP-50 supports Winamp Playlist as long as it has the filename extension .m3u (maximum 20 lists)
- : iMP-50 supports 9 Equalizer Patterns.
- Various Control Options Available in the Graphic User Interface

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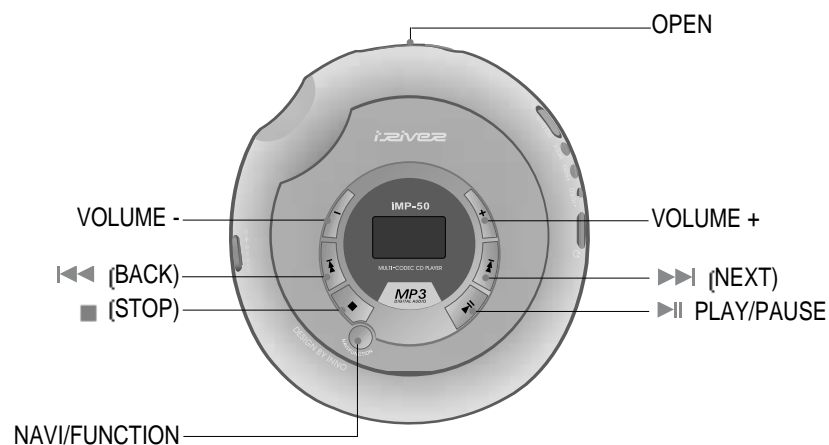
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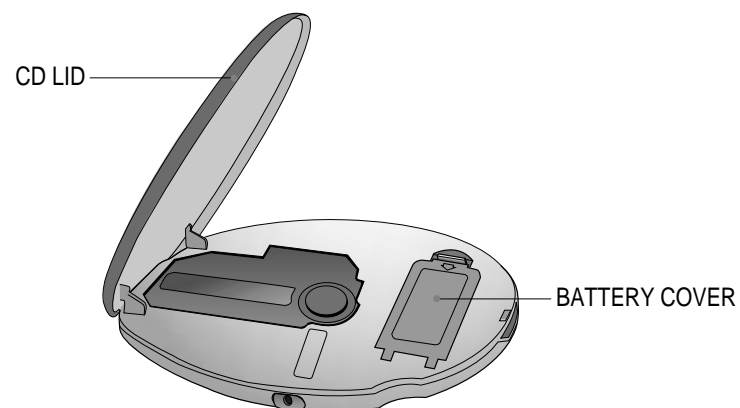
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## LOCATING CONTROLS

### FRONT

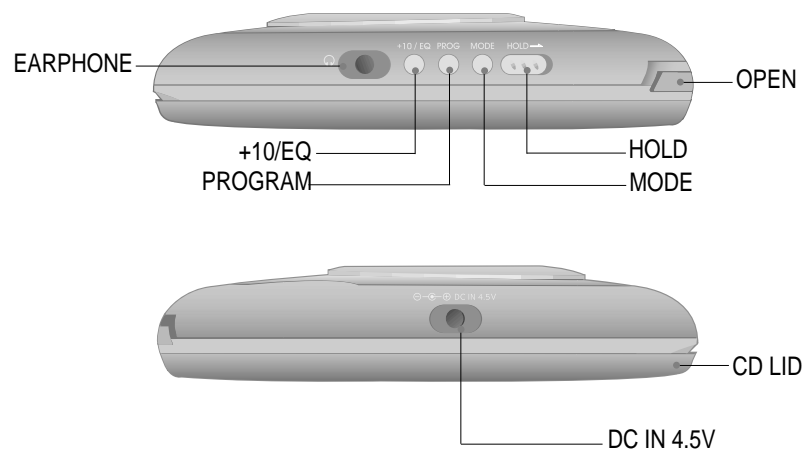


### INSIDE

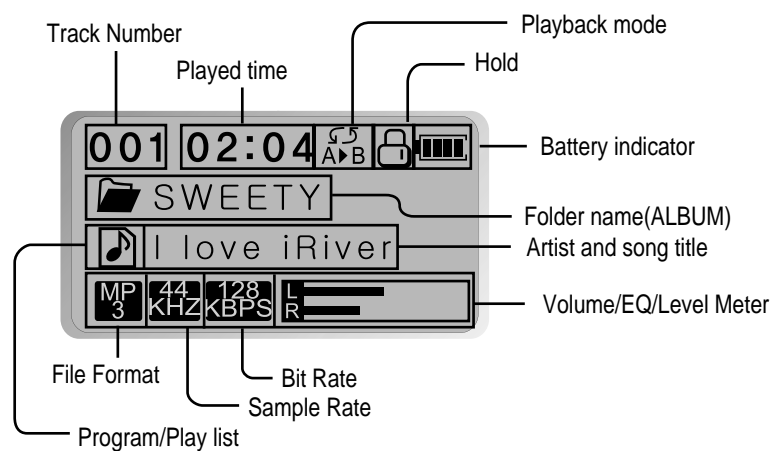


## LOCATING THE CONTROLS

### SIDE



### Display Information



## PLAYING DISC MEDIA

- 1 Put the lid upward, slide the open button on the side of the player.
- 2 Insert the disc with disc label side up.



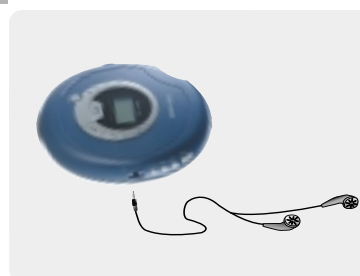
- 3 Close the lid.



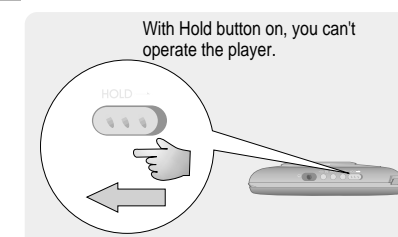
- 4 After turning over the player, play using operation button. Turn over the player to operate.



- 5 Connect the earphone.

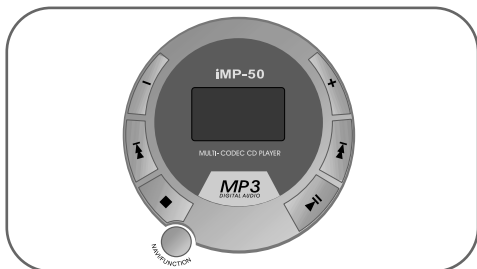


- 6 Switch the HOLD button to off.



## PLAYING DISC

4



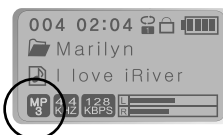
- **PLAY/PAUSE** Click
- **STOP** Click
- **Play NEXT Track** Click
- **Play PREVIOUS Track** Click
- **Play NEXT Folder(FF Skip)** Click + Long Click
- **Play PREVIOUS Folder(RW Skip)** Click + Long Click
- **GO Forward Quickly** Long Click
- **Go Backward Quickly** Long Click
- **Power Off** Long Click



**Tip**

File Format displays as below.

- |          |     |
|----------|-----|
| ASF      | WMA |
| Audio CD | MP3 |

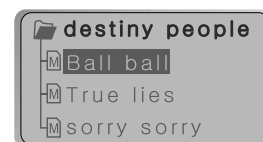


## NAVIGATION

Navigation function allows you to navigate through the files in the CD.

1

Pressing NAVI/FUNCTION button shows you the list of songs and current song.



Use BACK( ), NEXT( ) button to find the song you want to listen.

Use STOP( ) button to exit to the upper folder.



: To move to the Upper folder.

2

**Selecting folder and move to upper folder**

The next figure shows the status when you move to upper folder.

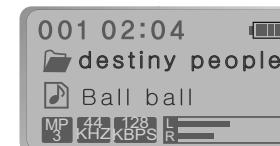
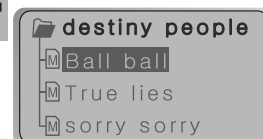
To move the cursor, use the PREV, NEXT button and to enter the Chosen Folder, use the Play( ) button.



: To enter the folder

3

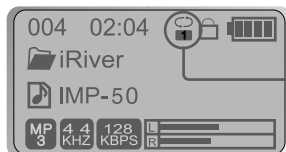
**Playing**



: The song will be played when you press the play button.

## MODE (PLAYING MODE/ ENHANCED ANTI-SHOCK FUNCTION)

You can enjoy various ways of playing by using playback mode.  
For the user's setting, please refer to Page 21.



Whenever you press the MODE button, it shows you the changed icon.

### REPEAT

	Play a single track repeatedly.
	Play all tracks in the directory and stop.
	Play all tracks in the directory repeatedly.
	Play all tracks in the disc repeatedly.

### SHUFFLE

SFL	Randomly play all tracks in the disc repeatedly and stop.
SFL	Play a single track repeatedly.
SFL	Randomly play all tracks in the directory repeatedly and stop.
SFL	Randomly play all tracks in the directory repeatedly.
SFL	Randomly pay all tracks in the disc repeatedly.

### INTRO

	Intro: Plays beginning 10 seconds of each track in sequential order. Intro Highlight: Plays 10 seconds from the spot 1minute was played for each track in sequential order. (For example, song A plays 10 seconds from 1 minute into the song, so the highlight ends at 1minute 10 seconds. Then song B plays 10 seconds from 1 minute into the song, so the highlight ends at 1minute 10 seconds, and so forth with each track.)
--	--

### iRiver Shock Free

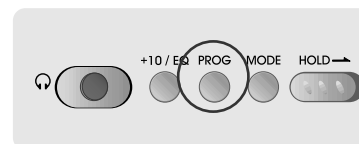
While the iRiver Shock Free mode is ON, the player has stronger resistance against external shock and prevents sound skipping caused by sudden movement. However, it may show the lower readability of disc having inferior recording status. In this case, we recommend releasing the iRiver Shock Free mode.



Pressing the Mode button for a few seconds while playing will set the Enhanced Anti-shock on and off.

## PROGRAM MODE

USE PROGRAM MODE TO SELECT SONGS IN A PARTICULAR ORDER (I.E. PROGRAM YOUR FAVORITE SONGS).

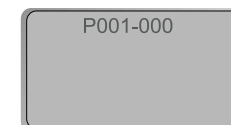


### Selection of Program/Playlist

Playback plays lists if the disc contains Winamp playlist.( \* .m3u) (Refer to page 26~27).

### HOW TO PROGRAM:

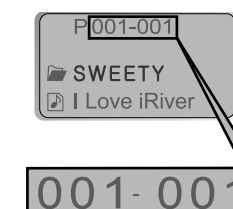
1 To set program, press PROG button at stop mode.



Shift to Program mode

- Program function only works at stop mode.
- While playing, PROG button works as interval repeat (Repeat

2 To select a song you want to reserve to program, press , button or +10 button(you can use NAVI/FUNCTION).




The order of programmed track

The order of track in the CD

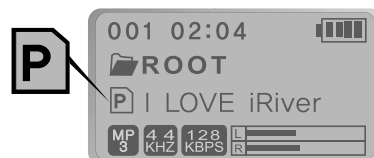
- To reserve all the songs in a certain folder, use NAVI/FUNCTION button and select the folder using or button and then press PROG button. (It can not reserve the folder within a folder)
- TO REMOVE A PROGRAMMED SONG**  
Select the song to be deleted and press the Mode button. The program list will be updated automatically.

## PROGRAM MODE

### Program Play

To play programmed songs, press  button.

The P icon represents the status of program. ▶




### Escape from Program Mode


While playing  Double click stop button

At stop mode  Click stop button

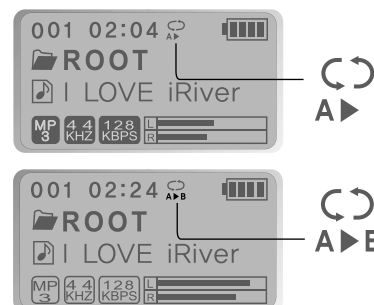
### Interval Repeat

While playing, you can use interval repeat to listen your favorite interval.

 While playing, one click of PROG button selects the beginning point (A point)

 While playing, another click of PROG button selects the end point (B point)

● It will repeat the interval A-B section. ▶



When you program songs, using the NEXT/ BACK or +/- button will show you the songs that aren't programmed.

## +10/EQ FUNCTION

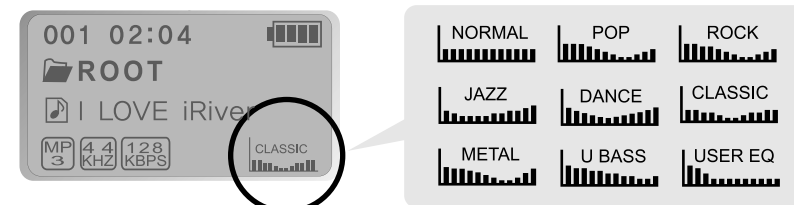
### +10 function

To skip to the next 10th song from you are currently at, press +10/EQ button.




### EQ function

■ To change EQ, press +10/EQ button for 2 seconds. Everytime you press the button, the EQ mode scrolls in sequential order.



## FAQ

■ Player has only +10 button, not -10 button.

To move -10 songs, you need to set the control in Function. Move to the control and select fast skip. When you set FF/RW skip to 10, you can go back -10 songs by pressing  button once and hold it.

■ Can't I set the equalizer?

You can set your own equalizer. For details, please refer to the User EQ of manual functions.(page.23)

## BOOKMARK

### BOOKMARK

This is the function for quick search by using BOOKMARK.

Bookmark function is activated under the Study mode.

Long Click of PROGRAM button will add/delete/move the bookmark.

Bookmarks can be reserved up to 20 on a disc.

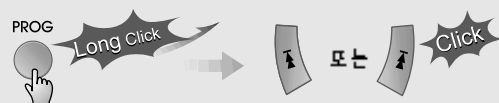
**Bookmark Add** : After long Click of PROGRAM button and click PROG/EQ button shortly to add the present location into the bookmark.



**Bookmark Delete** : After long Click of PROGRAM button and click MODE button to delete the present location from bookmark. Whenever you press MODE button, the bookmark will be deleted in backward sequence.



**Moving to bookmark** : After long Click of PROGRAM button and press >>| or <<| button to move to the next or previous bookmark.



## FUNCTION

### THE MAIN MENU



Function control is subject to change with different firmware versions. You can configure your own settings.

#### GENERAL

- ☐ beep volume
- ☐ resume
- ☐ fade in
- ☐ language
- ☐ sort
- ☐ load default

#### CONTROL

- ☐ fast skip
- ☐ scan speed
- ☐ auto pause
- ☐ cd esp
- ☐ mp3 buffer
- ☐ adapter volume
- ☐ sound balance
- ☐ eq limit
- ☐ tag auto eq

#### DISPLAY

- ☐ lcd contrast
- ☐ visualization
- ☐ scroll type
- ☐ tag information
- ☐ time
- ☐ battery indicator

#### MODE

- ☐ repeat
- ☐ shuffle
- ☐ intro
- ☐ study
- ☐ name

#### TIMER

- ☐ sleep
- ☐ pwr off

#### User EQ

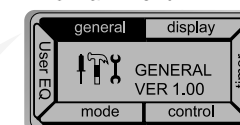
- ☐ bass boost
- ☐ bass corner freq
- ☐ treble boost
- ☐ treble corner boost

\* Menu can be varied depending on the firmware version.

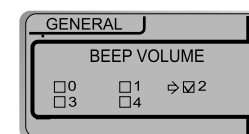
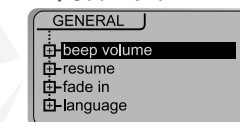
### HOW TO USE MENU

**1** Pressing NAVI/FUNCTION button will show you the figures. It is composed of 6 main menus with sub menus.

#### ▼ Main Menu



#### ▼ Sub Menu



**2** To change the setting, select the sub menu.

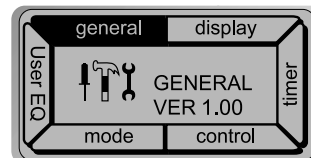


## FUNCTION

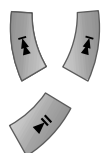
### Move between function menus



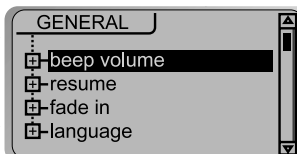
◀◀, ▶▶ button will move to the Previous and Next menu.  
To move among menus, press ◀◀, ▶▶ button.



### Enter to Sub menu



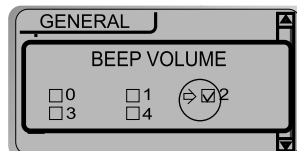
Navigate using ◀◀, ▶▶ buttons and press ▶ button.  
A sub menu will be displayed like the one at right.



### How to set user's preference



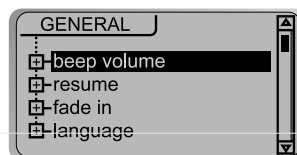
Use ◀◀, ▶▶ button to select.



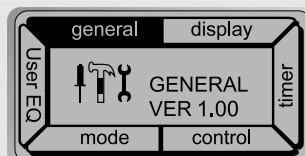
### Exit from the sub menu



Press ■ button to exit from sub menu.  
Pressing the ■ button again will move you to the main menu.



As shown in the figure at right, pressing the ■ button will completely exit from the main menu.

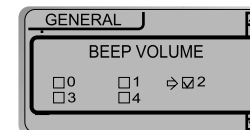


## FUNCTION(GENERAL)

### GENERAL

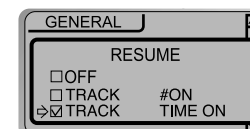
#### BEEP VOLUME

: Configure beep sound (ON/OFF) with volume level.



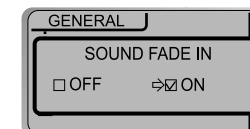
#### RESUME

: You can select how to resume the track lastly played. "Track #ON" plays the initial of the song when you power on. "Track Time ON" plays the spot in the song.



#### SOUND FADE IN

: When activated, volume gradually increases when you begin to play. It prevents your ears from sudden loudness.



#### LANGUAGE(supports 36 languages)

: Song title and ID3 tag information from the CD is dependent on the PC operation system that it is made into.

(For example, if a CD is burnt in Japanese Windows, the language setting should be Japanese)



#### SORT

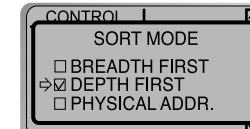
: It is useful when you sort files on CD .  
If DIR structure is like as right picture, the setting order is like as follows.

BREADTH FIRST : ROOT → A → B → C → D

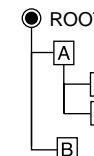
DEPTH FIRST : ROOT → A → C → D → B

PHYSICAL ADDR. : It is sorted as the sequence of recording order independent of DIR structure.

\* You should set sort at stop mode.



Ex)



#### CD ANTI-S

: 음악 CD의  
저장하여  
복합된  
경로는  
180도로  
변환가  
발생

MP3의 경우(1

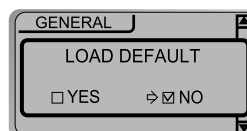
## FUNCTION(GENERAL/DISPLAY)

### LOAD DEFAULT VALUE

: Initialize to original factory setting.

Button operation is as below

▶|| (Select Default Menu) → ◀◀ (move to YES) → ▶||  
(Select YES : INITIALIZATION)

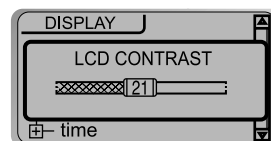


## DISPLAY

### LCD CONTRAST

: Adjust LCD contrast.

To adjust LCD contrast, press ◀◀, ▶▶ button.



### VISUALIZATION

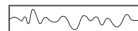
: Visualizes audio signal at play mode.

You can choose between Level Meter and WaveForm.

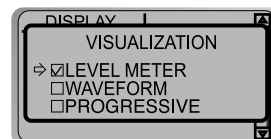
LEVEL METER ▶



WAVEFORM ▶



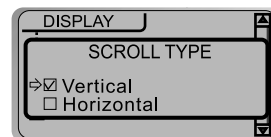
PROGRESSIVE ▶



### SCROLL TYPE

Vertical : Scroll goes from top to bottom

Horizontal : Scroll goes from left to right.



### TAG INFORMATION

ON : Displays track with ID3 tag information or with lyrics if there are lyrics.

OFF : Displays track with file name.

When you set off the tag information, the track is played and the next track can be displayed with ID3 tag information.

CAPTION OFF : You can turn off lyric display of synchronized MP3. You can select tag information display preference using ◀◀ or ▶▶ button.



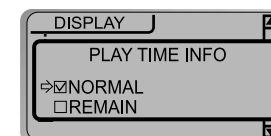
## FUNCTION(DISPLAY/TIMER)

### TIME

NORMAL : DISPLAYS ELAPSED TIME.

REMAIN : DISPLAYS REMAINING TIME.

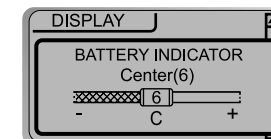
With VBR file, the time may not be accurate.



### BATTERY INDICATOR

Adjust level of battery indicator.

If select lower number, the level of battery indicator is higher. And if select higher number, the level of battery indicator is lower.



## TIMER(Set Auto Power Off)

### SLEEP POWER OFF

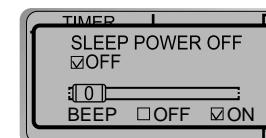
: Automatically power off after fixed time(Time range can be set from 0 to 99 minutes).

By using ▶|| button, you can select beep sound to ON or OFF.

Use ◀◀ or ▶▶ button to adjust time.

▶ This function works in both to adjust time.

▶ When the power is off, the sleep power off setting goes back to Zero setting.

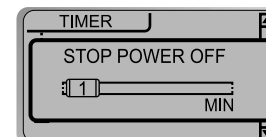


### STOP POWER OFF

: Automatically power off at stop mode.

Time range can be made from 1~60 minutes.

◀◀ and ▶▶ button can be used for time setting.



## FUNCTION (CONTROL)

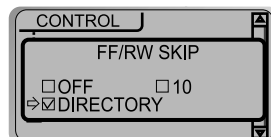
### FUNCTION(CONTROL)

#### FF/RW SKIP(FAST SKIP)

Off : The skip does not activate.

10: Plays the previous 10th or the next 10th song.

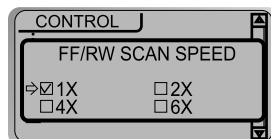
Directory: Jump to the Previous/Next directory.



#### FF/RW SCAN SPEED

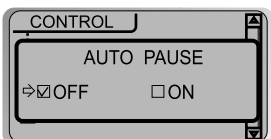
: The fast scan speed can range from 1x/2x/4x/6x.

It is useful when studying a language.



#### PAUSE(AUTO PAUSE)

When Auto Pause is ON, you will need to press Play button after the disc loads. Auto Pause also pauses the disc after each song and you will need to press Play to play.



#### CD ESP

: This is the function to prevent the cutting sound with the Standard Audio CD from external shock by preserving the song is playing. To enjoy the original sound, 10 SEC will be favorable and to prevent the cutting sound where the shock is expected, 40 SEC will be favorable. However, with the 40 SEC CD ANTI-SHOCK, the sound may not be good enough comparing to the 10 SEC CD ANTI-SHOCK due to the compression of AUDIO. With MP3 File, it always works as 120 SEC.



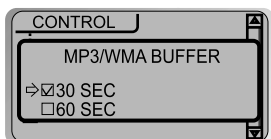
#### MP3 BUFFER

Only applies to MP3/WMA/ASF files.

30 SEC: Anti-shock protection lasts between 30~120 seconds.

60 SEC: Anti-shock protection lasts between 60~120 seconds.

Note : 60 SEC BUFFER provides stronger shock protection than 30 SEC BUFFER; however, it consumes more power.



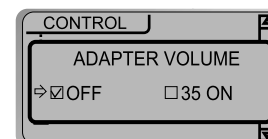
## FUNCTION (CONTROL)

#### ADAPTER VOLUME

ON: When the Adapter is connected, the volume always remains at level 35.

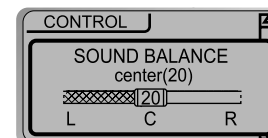
OFF: No use of Adapter volume.

It is useful when playing in a car.



#### SOUND BALANCE

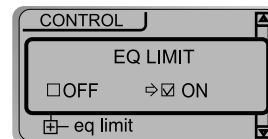
When the lever on the Sound Balance bar is moved to L (Left, 0), the sound outputs at the left earphone. When the lever is moved to R (Right, 40) the sound outputs at the right earphone. The default value is 20 and the sound outputs the same level at both earphone.



#### EQ LIMIT

ON : Limit the control of equalizer frequency to prevent distortion of sound.

OFF : You can enjoy original sound though distortion of sound may occur.



#### TAG AUTO EQ

Can automatically change EQ by reading the genre of TAG Information.

OFF : EQ setted by user is operated.



You can select EQ by genre as follows :

- Pop : Pop, Instrumental Pop, Pop-Folk, Pop/Funk
- Rock : Classic Rock, Rock, Altern Rock, Instrumental Rock, Southern Rock, Rock & Roll, Hard Rock, Folk Rock, Gothic Rock, Progressive Rock, Psychedelic Rock, Symphonic Rock, Slow Rock, Punk Rock
- Jazz : Jazz, Jazz+Funk, Acid Jazz
- Dance : Dance, Eurodance, Dance Hall
- Classic : Classical, Opera, Chamber Music, Sonata, Symphony
- Metal : Metal, Death Metal, Heavy Metal
- Ubass : Bass, Booty Bass

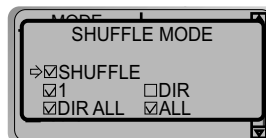
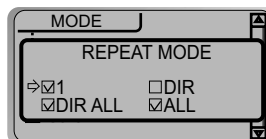
## FUNCTION (MODE)

### MODE (PLAYBACK MODE)

#### REPEAT MODE / SHUFFLE MODE

: The setting value changes when you press the MODE button.

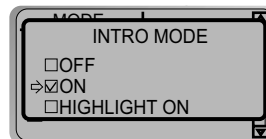
- ▶ Only the selected play mode will be applied when you press the MODE button.  
(For details, please refer to Page. 9)



#### INTRO MODE

INTRO MODE plays the beginning 10 seconds of each track.

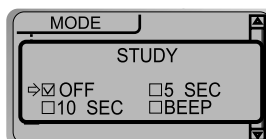
INTRO HIGHLIGHT plays the first 10 seconds from the spot 1 minute was played for each track in sequential order.



#### STUDY MODE (LANGUAGE STUDY) :

5 SEC / 10 SEC: When you press STOP, it goes back 5 or 10 seconds.

BEEP: When BEEP is ON, it beeps whenever you press the button.



### Firmware Upgradable

Upgrade your firmware at [www.iRiver.com](http://www.iRiver.com)

#### What is FIRMWARE?

: It is the operating system that works in the iMP-50. iRiver provides you with the latest and best features through Firmware Upgrade. Visit [www.iriver.com](http://www.iriver.com) to upgrade your Firmware.

#### How to UPGRADE?

1. Download the latest firmware upgrade file from [www.iRiver.com](http://www.iRiver.com).
2. Execute the file after extraction.
3. Make upgrade disc containing the IMP-50.hex file.
4. Connect the adapter to the iMP-50.
5. Insert the CD into the iMP-50 and play the CD.
6. Check whether your LCD window shows "Firmware Upgrade"
7. When the power goes off automatically, the upgrade is done.
8. Play your Music Disc and confirm the firmware version information displayed during loading.

## FUNCTION (MODE)

### NAME

: You can input your name or text.  
(maximum 12 bytes in English)



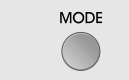
Select the character by using ◀ and ▶ button.



Press NAVI/FUNCTION button to input the character.



To move the cursor in the name window, please use + and - on Volume button.



To delete the character, use MODE button.

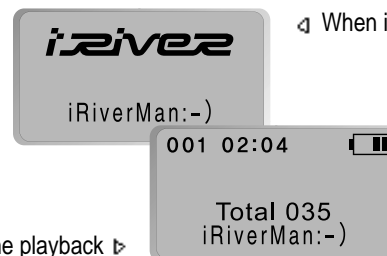


It scrolls by order of Korean/ALPHABET/Special Character by pressing STOP button. (Special characters are only available when "Language" is set to Korean.)



To save the text and exit, use PLAY button

The saved text is displayed during initial loading of disc and at stop mode during play.



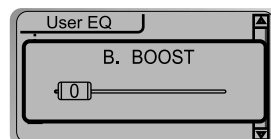
When stop the playback ▶

## FUNCTION(USER EQ)

### USER EQ MODE SETTING

#### BASS BOOST

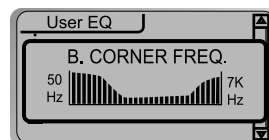
: Bass Boost lever ranges 0 to 12dB.



#### BASS CORNER FREQUENCY

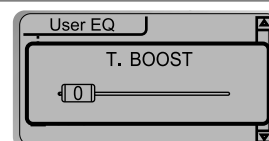
: You can set Bass Boost frequencies to 50Hz, 100Hz and 200Hz.

Bass boost function is effective under the frequency range configured (maximized at 200Hz).



#### TREBLE BOOST

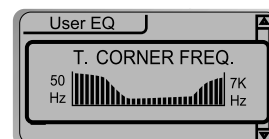
: Treble boost level ranges 0dB to 12dB.



#### TREBLE CORNER FREQUENCY

: You can set Treble boost frequencies to 2 KHz, 4 KHz and 7 KHz.

Treble boost function is effective over the frequency range configured (maximized at 2 KHz).



## ADDITIONAL FEATURES

### How to use WINAMP PLAYLIST

**1** Make a PLAYLIST ( \* .M3U) using WINAMP

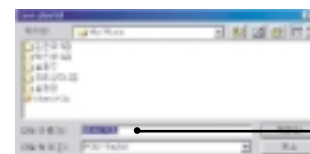
▼ Winamp execution picture

1. Launch WINAMP and add songs to make a list.



2. Click "LIST OPTS" located on the right bottom and click "SAVE LIST"

▲ Click the SAVE LIST button.

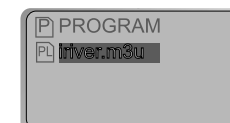


3. Name the file name (ex: river.m3u) and click "SAVE" to save the list.


**2** Make a disc with the \* .3mu and the files added to the playlist.

**3** Load the disc into iMP-50.

**4** Press PROGRAM button at stop mode and LCD displays as in the figure at right.  
You can find the playlist you want to play by using the ◀◀ , ▶▶ button.



## ADDITIONAL FEATURES

- 5** Press  button to play the tracks in the order of the playlist.

PL icon indicates PLAY LIST . ▶



- 6** A total of 20 playlists can be recognized.

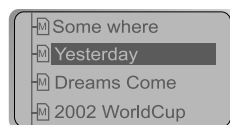




### RESERVATION FUNCTION

Press NAVI/FUNCTION button during playback to select the next song to be played, then press PROG button to reserve that song.

**EG.**

Press NAVI/FUNCTION  button during playback,



To move, use  and  button  
and to select, use



## ABOUT POWER SUPPLY (ADAPTER)

### Using AC POWER ADAPTER

- 1** Use only the AC Power Adapter supplied with the player.
- 2** Connect the Adapter to 4.5V DC jack on the player and AC outlet.

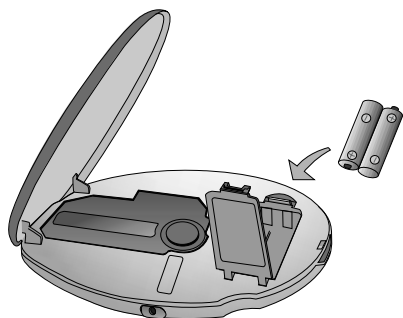


**⚠ Caution!**  
▶ Disconnect Adapter when not in use

## ABOUT POWER SUPPLY (BATTERY)

### Using general batteries:

- 1** Open the battery cover on the inside of the player.
- 2** Insert batteries(AA size x 2ea) matching + and - and close the battery cover.



- Manganese batteries are not recommended as they run out quickly.
- For optimum playback time, Alkaline batteries are recommended.



### CAUTION!

- Do not mix rechargeable batteries with dry batteries.
- Do not use different types of batteries together.
- When the batteries are not to be used for a long time, remove them.
- If electrolyte leaks, wipe off any residue in the battery compartment and insert new batteries.

## FAQ

### PLAYER

#### How long does Anti-Shock last?

With MP3 files, Anti-Shock lasts 120 seconds. With Audio CD, it does 40 seconds.

#### Why does mechanism noise occur?

When loading a CD or searching a Music, CD Pick-up makes noise moving at high speed. This is not malfunction. But if you hear mechanism noise through earphones or occurs excessive noise, get customer service.

#### Does backup CD reduce the lifetime of the Lens?

There is no connection between a blank CD and the lifetime of the lens.

#### Why doesn't the player recognize a CD burnt at high speed?

There are some CD-RWs burnt at a high speed. The others have no problem with reading CD. In general, it is recommended to record the CD with 1~2 level lower than the highest burning speed.

## RECORDING

**Q A** How do I download MP3 files?

You need to record MP3 files onto a CD-R or CD-RW disc to play in the iMP-50 player.

In general, there are two kinds of blank CDs.

CD-R (CD Recordable): Recordable but not reusable.

CD-RW (CD-ReWriteable) : Recordable and can be used again after erasing.

There are several ways to burn a CD. A CD is burned into session unit (the data is stored from the center of the CD).

**Single session:** Close session after burning once.

**Multi session:** Do not close session after burning that allows you to burn again.

The burning way of deleting/recording data in CD like a hard disc is called packet writing. CD-R is used single-session / multi-session and CD-RW is used packet writing. iRiver player can recognize pack-written CD-RW.

**Q A** What do I need to burn MP3 files?

You need a CD recorder, recording software program, and blank CD. For details, refer to the "SUPPORT" at iRiver's homepage.

**Q A** How do I make a CD from a Language Study tape?

To convert the tape's information into CD requires many items, including:

Sound Edit program (Goldwave, Cooledit), stereo cable to connect each side, and a player to play the Tape.

Connect Stereo cable to earphone output on the player and Line in socket of Computer Sound Card or Mic socket; then record the sound using the Sound Edit Program.

**Q A** I recorded a CD but it contains less than 20 songs.

When you burn a CD with MP3 file, you need to confirm that it is recorded in DATA format. It means the CD is burnt in Audio CD format, it can record just less than 20 songs.

**Q A** The player can't read songs and I get 'No disc' message.

CD readability depends on several factors:

1. CD-Media
2. The Burning/Recording Speed
3. The CD surface

When you burn a CD, burning speed does matter as well as CD surface. When you burn a CD at a high speed, the data writing may not be reliable. In that case, it is recommended to burn a CD at a lower speed or to use brand media.

**Q A** Can I add songs to the CD I already burned?

Using multi-session or packet writing allows you to add songs to the CD.



## FAQ

### PLAYING

#### Q A How do I listen to a spot on the track I last listened to?

The iMP-50 provides a RESUME function. Go to Function, General and enter into RESUME menu. You can set Track Time or Track #. The iMP-50 can remember the last 10 CDs you played.

#### Q A How many playlists can the iMP-50 play?

The iMP-50 can play up to 20 playlists(\*.m3u)

#### How many songs can the iMP-50 play?

The iMP-50 can recognize 999 songs and 255 directories with subdirectory.

#### Q A Does the iMP-50 play ra, wav format?

The playable formats on the iMP-50 are MP3, ASF and WMA files.  
The ra and wav formats can not be played in this player.  
Supporting formats such as ra and wav are under consideration in the future.

#### Q A I don't see the title and it only displays Audio Track.

The iMP-50 can display the information that the song contains. With MP3 files, the tag information may not be correct and with Standard Audio CD, it displays only Audio Track.  
To see the song title, you need to burn the CD using CD-TEXT function.

## FAQ

#### Q A The sound cuts out when the player skips.

If the player is shaken in a sudden or violent manner, or shaken excessively, skipping may occur. Under normal circumstances, skipping will not occur. Please carry and handle the player under normal circumstances (i.e., without excessive shaking).

#### Q A It takes a long time to load a CD.

Using Multi-sessioned or Packet Written CD may affect the loading time rather than using Single sessioned CD because the data is scattered in the CD.  
To reduce the loading time, it is recommended you to burn in Single-session. You may contact Customer Service if it takes longer than 1 minute to load a single-sessioned CD or a Standard Audio CD.

#### Q A It always stops after playing one song.

Check whether the Auto Pause function is ON. If so, turn Auto Pause OFF.

#### Q A I hear a 'hiccup' sound while the song is playing.

Check the status of the file. What is likely happening is that the file has broken, especially if you hear the same sound in the same spot. In this case, it is recommended you to record the file again or download a different file.

#### Q A Can I change the playing order?

The iMP-50 supports m3u file lists. Also, the Program function allows you to select your preferred songs.

## FAQ

### Q A I can't hear ASF file.

There are two kinds of ASF files, Audio and Video. The iMP-50 supports Audio ASF file only.

### Q A Is the sound better if I convert an MP3 file into WAV?

There are two groups of audio data, compressed and uncompressed. MP3 is a diminished compression format in the compressed group, meaning it is not possible to create the original audio file 100%, partly due to the fact that there are frequencies missing. Once it is lost, there is no way to recover the lost part.

### Q A What kind of media can the iMP-50 support?

Standard Audio CD (8Cm, 12 Cm), CD-R, CD-RW DATA CD with MP3, ASF and WMA.

The iMP-50 also supports Mixed CD (Data Track + Audio Track), CD-Extra (Audio Track + Data Track), Multi-sessioned and packet written CD.

### Q A What is VBR?

VBR is "Variable Bit Rate". Some MP3 encoders support VBR. When enabled, the compressor will use a bit rate that will fit the actual passage. If it is a complex part, having much more variation in the sound, it will use a high bit rate. If there is less variation in sound, it will use a lower bit rate. Usually, the average bit rate will not be as high as a same-quality MP3 with CBR (Constant Bit Rate). However, there is shortcoming that it's hard to keep track of the actual position that may not be favorable when studying language.

## TROUBLE SHOOTING

Should any problem continue after you have checked these symptoms, please contact iRiver sales representatives.

No Power On	<ul style="list-style-type: none"> <li>● Check whether the batteries have been inserted in proper polarity (+ and -).</li> <li>● Check whether the HOLD switch on the player or remote is ON (Switch to OFF position).</li> <li>● Check whether the player lid is open.</li> <li>● Check whether the batteries ran out.</li> </ul>
Loading stopped or 'No DISC' displayed on LCD	<ul style="list-style-type: none"> <li>● Check whether the CD is dirty or defective (clean it or change to new CD).</li> <li>● Check whether the CD is inserted with the label side up.</li> <li>● Check whether dirt are attached in optical lens (remove the dirt with a soft cloth).</li> <li>● Check whether moisture condensation has occurred (leave the CD player aside for several hours until the moisture evaporates).</li> <li>● Check whether the CD is inserted.</li> <li>● Problem may occur due to the characteristic deviation between CD-RW recorder and CD-R/RW disc (burn the disc in low speed).</li> <li>● Use packet write disc with full formatting done.</li> </ul>
No Sound or noise is heard	<ul style="list-style-type: none"> <li>● Check whether VOLUME is set to "0". Connect the earphone plug firmly.</li> <li>● Check whether the plug is dirty (clean the plug with a dry and soft cloth).</li> <li>● Corrupted MP3, WMA file may have a noise or sound cut off.</li> <li>● Excessive jolting may affect MP3, WMA, and audio CD discs to proper playback.</li> </ul>

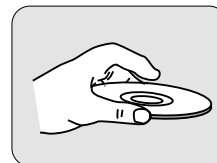
## TROUBLE SHOOTING

Should any problem continue after you have checked these symptoms, please contact iRiver sales representatives.

<b>AC adapter does not work.</b>	<ul style="list-style-type: none"> <li>● Check that the voltage is correct.</li> <li>● Check whether the DC plug is connected to the proper jack.</li> </ul>
<b>Battery lifetime differs.</b>	<ul style="list-style-type: none"> <li>● Check whether Manganese batteries are in the player. Please use Alkaline batteries for longer battery lifetime.</li> </ul>
<b>Characters in LCD are corrupted.</b>	<ul style="list-style-type: none"> <li>● Check Menu ► Display ► Language and check whether the right language has been selected.</li> </ul>

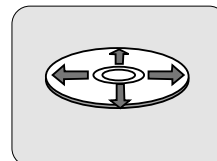
## PRECAUTIONS

### On Handling Disc



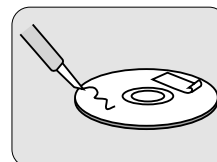
#### On handling Disc

Avoid touching the surface (bright side) where data is stored.

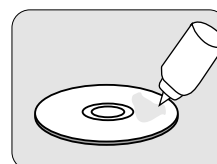


#### Disc Cleaning

Avoid cleaning the disc surface. If necessary, clean the disc surface with a soft cloth following the directions described.



**Do not stick papers or tape labels onto the surface (bright side).**



**Avoid using chemicals to clean the surface.**

### On Safety

- Should any solid objects or liquid fall into the CD player, unplug it and have it checked by qualified personnel before operating it any further.
- Do not put objects in the DC IN 4.5V jack (External Power output).
- Use only the adapter provided with the player to ensure proper safety.

## PRECAUTIONS

### On Player

- Do not leave the CD player near heat sources, in a place subject to direct sunlight, excessive dust or sand, moisture, rain, mechanical shock, unlevelled surface, or in a car with its windows closed.
- Keep the lens on the CD player clean and do not touch it. If you do so, the lens may be damaged and the CD player will not operate properly.
- Do not put any heavy objects on top of the CD player. The CD player and the CD may be damaged.
- Do not wrap the player with cloth or blanket that may cause malfunction.

### On Headphones and Earphones

#### ● Road Safety

Do not use headphones/earphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

#### ● Preventing hearing damage

Avoid using headphones/earphones at high volume. Hearing experts advise against listening to continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.

#### ● Consideration for others

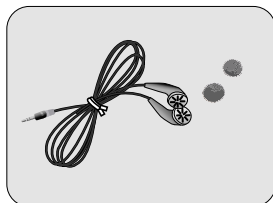
Keep the volume at a moderate level. This will allow you to hear outside sound and to be considerate of the people around you.

## REFERENCE

- CDs damaged with dirt or scratches may make a popping noise, sound clipping or cut off while playing.
- A track with damaged or corrupted parts is skipped or forwarded to NEXT track.
- Playback files with extension MP3, WMA, ASF.
- Directories and files are sorted in alphabetical orders. Use Navigation mode to select the tracks wanted.
- Total 255 directories and 999 tracks (Including playlist) within a disc can be recognized.
- Track information is displayed either filename or ID3 TAG information.
- CD-TEXT discs are displayed with track names within the TOC (Table of contents) of the disc.
- Battery indicator may varies depending on battery type.
- iRiver does not support MP3, WMA and ASF files with 48 KHz sample rate.

## ACCESSORIES

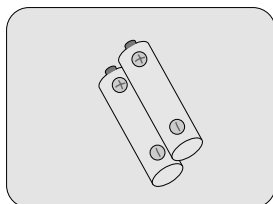
### 1 Earphone and Earphone Sponge



### 2 User Manual



### 3 Batteries(Two)



## SPECIFICATIONS

Category	Item	Specifications
Audio (CD)	Frequency/Range	20Hz~20KHz
	Headphone output	7mW(L) + 7mW(R) at 16 $\Omega$ Max. Volume
	S/N ratio	85dB(CD-DA), 85dB(MP3 CD)
	Frequency Characteristics	$\pm 2$ dB
	NO of channels	STEREO(L+R)
CD support	CD Type	CD-DA, CD-Text(8cm / 12cm)
		CD-ROM Mode 1, Mode 2 Form1
	CD-R/RW Readability	Enhanced CD, Mixed CD
File support	File TYPE	MPEG 1/2/2.5 Layer 3, WMA ,ASF
	Bit Rate	Support 8Kbps ~ 320 Kbps
	Tag	ID3 V1 , ID3 V2 2.0, ID3 V2 3.0
Power supply		1.5 V AA Battery 2 EA
General	Dimension	Approx. 130(W) x 140(L) x 28(H)mm
	Weight	Approx. 220g( Excluding batteries)
	Operational Temperature	0℃ ~ 40℃
Maximum Playback Time	MP3/WMA	16 Hrs
	Audio CD	7 Hrs

## REGULATORY INFORMATION

### ● Federal Communications Commission(FCC)

The device manufactured and found to comply with limits for a Class B computing device according to the specifications in FCC rules Part 15. Operation is subject to the following two conditions;

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.
3. If your device needs repairs, you must arrange for the manufacturer to make them if you are to keep the device's FCC registration valid.

This equipment, like other electronic equipment, generates and uses radio frequency energy. If not installed and used according to the instructions in this manual, this equipment may cause interference with your radio and television reception.

If you think this equipment is causing interference with your radio or television reception, try turning the equipment off and on. If the interference problems stop when the equipment is switched off, then the equipment is probably causing the interference. You may be able to correct the problem by doing one or more of the following:

- Adjust the position of the radio or TV antenna
- Move away the device from the radio or TV

If necessary, consult your dealer or an experienced radio or television technician. You may find this booklet helpful: "How to Identify and Resolve Radio and TV Interference Problems" (Stock No. 004-000-00345-4), prepared by the FCC and available from the U.S Government Printing Office, Washington, DC 20402. See individual devices FCC ID and registration numbers.

### ● For the customers in Europe



The CE mark on the CD player is valid only for products marketed in the European Union.

## SAFETY WARNING

**CLASS 1 LASER PRODUCT  
KLASSE 1 LASER PRODUKT  
LUOKAN 1 LASER LAITE  
KLASS 1 LASER APPARAT  
PRODUCTO LASER CLASE 1**

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION-INVISIBLE LASER RADIATION  
WHEN OPEN AND INTER LOCKS  
DEFEATED, AVOID EXPOSURE TO  
BEAM.

### WARNING

- To prevent fire or shock hazard, do not expose the unit to rain or moisture.
- To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.
- Certain countries may regulate disposal of the battery used to power this product. Please consult with your local authority.
- Listening for many hours at maximum volume may damage your hearing.